

**DEPARTMENT OF TRANSPORTATION**

ESC/OE MS #43  
1727 30TH Street, 2ND Floor  
Sacramento, CA 95816



March 28, 2001

04-Ala-238-20.3/23.0  
04-1R7504

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in ALAMEDA COUNTY IN AND NEAR HAYWARD FROM ROUTE 92 TO MATTOX ROAD/CASTRO VALLEY BOULEVARD.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on April 10, 2001.

This addendum is being issued to and revise the Project Plans, the Notice to Contractors and Special Provisions, and the Proposal and Contract.

Project Plan Sheets 6 and 7 are revised. A half-sized copy of the revised sheets are attached for substitution for the like-numbered sheets.

In the Special Provisions, Section 10-1.12, "EXISTING HIGHWAY FACILITIES," the subsection titled "Remove Yellow Thermoplastic Traffic Stripe" is added as attached.

In the Proposal and Contract, the Engineer's Estimate Items 4, 5, 7, 11, 12, 13, 14 and 15 are revised, and Item 17 is added as attached.

To Proposal and Contract book holders:

Replace the entire Engineer's Estimate in the Proposal with the attached revised Engineer's Estimate. The revised Engineer's Estimate is to be used in the bid.

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the proposal.

Submit bids in the Proposal and Contract book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.

Inform subcontractors and suppliers as necessary.

Addendum No. 1  
Page 2  
March 28, 2001

04-Ala-238-20.3/23.0  
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This office is sending this addendum by UPS overnight mail to Proposal and Contract book holders to ensure that each receives it.

If you are not a Proposal and Contract book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,

ORIGINAL SIGNED BY

REBECCA D. HARNAGEL, Chief  
Office of Plans, Specifications & Estimates  
Division of Office Engineer

Attachments

## **REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE**

Traffic stripes and pavement markings to be removed shall be removed at the locations shown on the plans and at the locations designated by the Engineer.

Yellow thermoplastic traffic stripes may contain lead and chromium. Residue produced when yellow thermoplastic are removed may contain heavy metals in concentrations that exceed hazardous waste thresholds established by the California Code of Regulations and may produce toxic fumes when heated.

The removed yellow thermoplastic material shall be disposed of at a Class 1 disposal facility in conformance with the requirements of the disposal facility operator within 90 days after accumulating 100 kg of residue and dust. The Contractor shall make all arrangements with the operator of the disposal facility and perform all testing of the yellow thermoplastic residue required by the operator. The Contractor shall submit the name and location of the facility along with testing requirements to the Engineer not less than 21 days prior to removal of yellow thermoplastic traffic stripes.

The Contractor shall submit the written compliance programs required in Subsection (e)(2), "Compliance Program," of Section 1532.1, "Lead," of the Construction Safety Orders to the Engineer not less than 21 days prior to start of removal operations. The compliance programs shall be prepared by an industrial hygienist certified by the American Board of Industrial Hygiene and shall cover all Contractor or subcontractor employees removing or handling the yellow thermoplastic residue. Inspection reports shall be made in conformance with Section 1532.1, "Lead," and shall be submitted to the Engineer.

Prior to performing any removal, personnel who have no prior lead training, including State personnel, shall complete a safety training class provided by the Contractor, which meets the requirements of Title 8, Section 1532.1. The number of State personnel to be trained shall be 2.

Where grinding or other methods approved by the Engineer are used to remove yellow thermoplastic traffic stripes, the residue, including dust, shall be contained and collected immediately. Sweeping will not be allowed. Collection shall be by High Efficiency Particle Arresting (HEPA) vacuum attachment operated concurrently, or other equally effective method, with removal operations. The Contractor shall submit a removal, storage, and disposal workplan in writing to the Engineer for approval not less than 21 days prior to start of removal operations.

The collected residue shall be stored in properly labeled and covered containers approved by the United States Department of Transportation for transportation and temporary storage. The containers shall be handled in such a manner that no spillage will occur. The containers shall be stored in a secured enclosure at a location within the project limits approved by the Engineer while awaiting test results required by the operators of the disposal facility.

Contractors attention is directed to the Storm Water specifications contained in these special provisions.

Removed yellow thermoplastic material will remain the property of the State.

The removed material shall be transported to the Class 1 disposal facility by a transporter currently registered with the California Department of Toxic Substances Control using current manifesting procedures. The Engineer will obtain the United States Environmental Protection Agency Identification Number and sign all manifests as the generator. The California Board of Equalization Number (State's Generator ID) for this project is HY HQ 36-020676.

The Contractor shall assume that the yellow thermoplastic residue is not regulated under the Federal Resource Conservation and Recovery Act (RCRA). Additional disposal costs for residue regulated under RCRA, as determined by test results, will be paid for as extra work as provided in Section 4-1.03D of the Standard Specifications.

Except as otherwise provided above for possible additional costs to be paid for as extra work, full compensation for submitting the required compliance programs, providing safety training for Contractor and State personnel, making arrangements with the Class 1 disposal facility operator, providing for the temporary storage of the residue within a secured area, testing the residue as required by the disposal facility operator, transportation of the residue to the Class 1 disposal facility, and disposal of the residue, all as specified herein, shall be considered as included in the contract prices paid per meter for remove yellow thermoplastic traffic stripe and pavement marking and no additional compensation will be allowed therefor.

Nothing in these special provisions shall relieve the Contractor from the Contractor's responsibilities as provided in Section 7-1.09, "Public Safety," of the Standard Specifications.

**ENGINEER'S ESTIMATE**  
**04-1R7504**

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1 (S)	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
2 (S)	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
3 (S)	128650	PORTABLE CHANGEABLE MESSAGE SIGN	EA	2		
4	020894	REMOVE THERMOPLASTIC PAVEMENT MARKING (WHITE)	M2	700		
5	150722	REMOVE PAVEMENT MARKER	EA	1640		
6	020895	ADJUST MANHOLE FRAME AND COVER TO GRADE	EA	30		
7 (S)	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	M2	12 000		
8	390127	RUBBERIZED ASPHALT CONCRETE (TYPE O)	TONN	5000		
9	397001	ASPHALTIC EMULSION (PAINT BINDER)	TONN	25		
10 (S)	840515	THERMOPLASTIC PAVEMENT MARKING	M2	700		
11 (S)	840561	100 MM THERMOPLASTIC TRAFFIC STRIPE	M	5800		
12 (S)	840563	200 MM THERMOPLASTIC TRAFFIC STRIPE	M	2000		
13 (S)	840571	100 MM THERMOPLASTIC TRAFFIC STRIPE (BROKEN 5.18 M - 2.14 M)	M	10 100		
14 (S)	850101	PAVEMENT MARKER (NON-REFLECTIVE)	EA	180		
15 (S)	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	1500		
16 (S)	020896	DETECTOR LOOPS	LS	LUMP SUM	LUMP SUM	
17 (S)	021130	REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE	M	17 000		

**TOTAL BID: \_\_\_\_\_**